



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V*

Section A – Licence Details			
Licence number:	L6826/1994/13	Licence file number:	DER2014/000604
Licence holder:	[REDACTED]		
Trading as:	[REDACTED]		
ACN:	[REDACTED]		
Registered address:	[REDACTED]		
Reporting period:	01 / 01 / 2021 to 31 / 12 / 2021		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required; and</li><li>• sign the declaration in Section F.</li></ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D if required;</li><li>• section E; and</li><li>• sign the declaration at Section F.</li></ul>

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
15- Abattoir 55- Livestock saleyard or holding pen	259,520 animals slaughtered with a liveweight of 8,777 tonnes.

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
15- Abattoir	37856 cubic meters of treated wastewater irrigated within annual period.

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	11	Date(s) of non-compliance:	Cumulative annual exceedance
Details of non-compliance:			
<p>Emission of treated wastewater to land:                      Total nitrogen loading rate exceeded annual Licence limit- 598.1 Kg/Ha/Year                      Total phosphorus loading rate exceeded annual Licence limit- 157.9 Kg/Ha/Year</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p><b>NOTE</b> – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
<p>Environmental impact is expected to be minimal in the irrigation areas. Irrigation is evenly distributed over the irrigated pasture areas and the pasture exhibits no signs of excessive nutrient buildup, such as stunted root or plant growth, leaf burn or plant death.</p> <p>The premises is located on a basement aquifer and local drilling by previous occupiers estimated depth to groundwater to be at least 30 metres below ground level, so detrimental leaching is unlikely to have occurred. The premises is not within a proclaimed water area nor is it located near any public drinking water source areas.</p> <p>When averaging out the annual nutrient loading rates since 2004 at the premises, the licence emission limits to land for total nitrogen (180kg/ha/yr) and total phosphorus (80/kg/ha/yr) are not exceeded.</p>			
Cause (or suspected cause) of non-compliance:			
<p>The last time the wastewater ponds were desludged was in 2012 and since then, the sludge has built up and reduced the holding capacity of the pond system, which reduces the pond system's nutrient removal capacity. In addition, wastewater being discharged to irrigation has been increasing since 2012.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>On 03/06/2021, Works Approval W6452/2020/1 was issued by DWER. W6452/2020/1 authorises the construction of a new anaerobic pond to enable the existing pond to be taken offline for dewatering and desludging. Construction of this new anaerobic pond is planned to start in January/February 2022.</p> <p>Having a secondary anaerobic pond will enable Ausvision to implement a more regular desludging program so that sludge build up in the existing anaerobic pond does not impact on the effectiveness of the overall pond wastewater treatment system. Ausvision anticipates that by desludging the existing anaerobic pond and having the second anaerobic pond available for use on a more regular basis, the overall treatment of the wastewater will improve, and that the nutrient load in the treated wastewater being discharged to the land via irrigation will decrease.</p> <p>On 12/11/2021, a licence amendment to include an additional 8 ha of irrigation area at BRM was submitted to DWER. This increase of irrigation area from 7 to 15 ha would drastically reduce the nutrient loading to land, to concentrations expected to be below or closer to the emission limits discussed in Condition 11 of the amended licence. The application for this additional 8 ha of irrigation area is currently pending approval.</p>			

The nutrient load over an irrigation area of 7 ha was compared against a 15 ha irrigation area in Table 5.2 of the 2021 AER. The 2021 monitoring results were used in the calculations. Results show that an additional 8 ha of irrigation would bring TP load below the DWER load limit, while TN load would drop by more than twofold and be closer to the 180 kg/ha/yr limit. It is emphasised that the calculations do not take in consideration the benefits resulting from the installation of the secondary anaerobic pond. It is believed that this structure will improve the water quality of the irrigation pond and therefore, further reduce the TN and TP load to the land.

In addition to the new anaerobic pond and the increase of irrigation area, it is also noted that Beaufort River Meats (BRM) is currently working on ways, through the AMPC Innovation Program, to further improve the water use efficiency of the plant (subsequently reducing wastewater discharge) and the water quality of the irrigation pond. Several projects will be undertaken on site between 2022 and 2024 to achieve these outcomes.

We expect a net improvement by 2024.

Was this non-compliance previously reported to DER?

Yes,

Reported to DER verbally


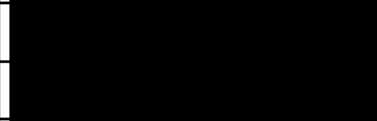
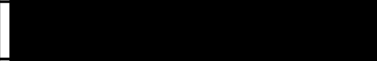
Date: / /

Reported to DER in writing

Date: 29 / 01 /2021 (The previous AACR report)

**Section F – Declaration**

I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular<sup>1</sup>. I/We consent to the Annual Audit Compliance Report being published on the Department of Environment Regulation’s (DER) website.

Signature <sup>2</sup> :		Signature:	
Name: (printed)		Name: (printed)	
Position:		Position:	
Date:	07/01/2022	Date:	
Seal (if signing under seal):			

<sup>1</sup> It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

<sup>2</sup> AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.